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PATENT
ATTORNEY DOCKET NO: 669.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
James R. Beckman)
Serial No: 10/031,534)
Filed: March 28, 2002)
For: **METHOD AND APPARATUS**)
FOR SIMULTANEOUS HEAT)
AND MASS TRANSFER)
UTILIZING A CARRIER-GAS)

Group Art Unit: 1764
Examiner: Manoharan, Virginia

RESPONSE TO 12/12/2003 OFFICE ACTION

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being mailed to the Patent and Trademark Office on this date April 12, 2004 addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

By: Sandra D. Hunter
Sandra D. Hunter

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

This paper is being submitted in response to an Office Action issued by the Examiner on December 12, 2003. Applicant respectfully requests a one-month extension of time, and submits herewith a petition for the extension of time with the appropriate fee. Applicants respectfully request reconsideration of the pending claims in view of the arguments presented herein.

Please amend the above-identified application as follows:

Amendments to the Abstract begin at page 2. An abstract is appended to this paper.

Amendments to the Claims are reflected in the listing of the claims, which begins at page 3 of this paper

Remarks/Arguments begin at page 7 of this paper.

An **Appendix** including an abstract is attached following page 11 of this paper.

04/16/2004 ZJUHA1 00000045 10031534

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Amendments to the Abstract

Please add the abstract appended to this paper.

Attachment: one page abstract